Work Order ID 61351

August 19, 2010 9:24:40 AM



Page 1

Item ID:

D205-634-041

Accept



Setup S

Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date: 8/19/10 **Required Date:** 9/06/10

Start Qty: 1.00

Cust Item ID:

Customer:

•

Start



Reference:

Approvals: Process Plan:

in: CZ

Req'd Qty: 1.00

Date: 10/8/19

Date:

Tooling:

Date: _
Date:

Stop

Run



Sequence ID/ Work Center ID

Operation Description

Set Up/

Run Hours

SPC (Y/N):

Tool ID

Tool # Plan Code Accept Qty Reject Reject Qty Number

Insp. Stamp

Draw Nbr

D2580

Revision Nbr

Rev D

100

DOCUMENT CONTROL

Memo

0.00

0.00

Document Control

Photocopy D205-634 bluefile & type labels per PPP D205-634-041 CHG002

M10-10-04

110

CNC Bend 1

CNC Delta 100 Bender

BENDING MACHINE - SKIDTUBES

Memo

0.00

0.00

1-Bend as per program D2580.C on CNC Bender and Folio 16

2-Cut tubes as per Dwg. D2580

3- scribe batch# in aft end of tube

10-9-14

B61351

									
W/O:			WO	RK ORDER CHANGE	ES				
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		•							
						-			
<u>ن</u>		,		•					
Part No	•	PAR #:	Fault Cate	nory:	NCR: Yes	No DO	Δ. `.	Date	1
T dit NO		esolution:						Date: _ Date: _	
NCR:		,		ER NON-CONFORMA			· · · · · · · · · · · · · · · · · · ·		
		Description of NC		Corrective Action Section		Verific	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date		on C	Chief Eng	QC Inspector
	See. 17								
	7								
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•	100		\ \						

Work Order ID 61351



Page 2

Item ID: D205-634-Revision ID: Item Name: Replacement			Accept				 \$	Setup St		
Start Date: 8/19/10 Required Date: 9/06/10 Reference:	Start Qty: 1.00.			Cust Item II Customer:	D:					
Approvals: Process F	194	Date:	Tooling: SPC (Y/N):		te:		F		tart top	1881 18
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty		ject Insp. mber Stamp
120 Skidtubes Skidtubes	Memo بيون 1- Deburr ends	e gej	0.00							Bolis
	2- C'sink holes a	s per dwg without cutti	ng fluid							;
		or welding, remove alo number insied aft end o								. •

130

Quality Control

Memo

QC5-Inspect part completeness to step on W/O

0.00

0.00

W/O:		WORK ORDER CHANGES									
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
			-								
Part No	:	PAR #:	Fault Category:	NCR: Yes	s No DQ	A :	Date: _				
	Resoluti	ion:	Disposition:	QA: N/C	Closed:		Date: _	· · · · · · · · · · · · · · · · · · ·			

NCR:		V	WORK ORDER NON-CONFORMANCE (NCR)										
5475		Description of NC		Corrective Action Section B	Verification	Annroyal	Approval						
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	QC Inspector					
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Work Order ID 61351

August 19, 2010 9:24:40 AM



Page 3

Item ID:

D205-634-041

Accept



Setup Start



Reject

Number

Stop

Revision ID:

Item Name:

Required Date: 9/06/10

Replacement Skidtube

Start Date:

8/19/10

QC:

Start Qty: 1.00

Operation

Description

Req'd Qty: 1.00



Date:

Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

SPC (Y/N):

Set Up/

Run Hours

Date:

Tool # Plan

Code

Date:

Start Run

Reject

Qty

Accept

Qty



Stop



Insp.

Stamp

Sequence ID/ **Work Center ID**

140

Skidtubes

Skidtubes

Memo

0.00

0.00

1-Weld step D2576 as per Dwg. D2580 and A/R□□□ Aluminum Rod

2-Prep per QSI 005 and weld crossbolt spacers D2579 as per Dwg. D2580, QSI

For D2579 spacers, weld one side, pass 3/8" drill weld other side, pass 3/8" drill A/R \(\Boxed{\text{D}} \) Aluminum Rod

3-Grind welds as per Dwg D2580 Grind flush ridge made from bending

4-Drill holes for wearplates using DT 8217 & DT8937 Open holes to 19/64", adjust stopper not to hit web.Deburr

5-Counterbore crossbolt spacers to 7/16" ID x 1.0" deep as per Dwg D2580. Deburr holes

6-Drill pilot holes for aft cap using DT 8215Open holes to 0.208". Deburr

7-Drill pilot holes for Tow ring using DT8091, open to .640" and Deburr

超(0/29/22

W/O:			WORK ORDER CHANGES										
DATE	STEP	PRC	CEDURE CHA	NGE		Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
									\$				
Part No	•	PAR #:	Fault Cate	gory:	_ NCR:	Yes N	o DQ	4 :	Date: _				
Resolu		esolution:	Dispositio	n:	QA: N	I/C Clos	sed:		Date: _				
NCR:			NORK ORD	ER NON-CONFORM	ANCE (NCR)							
DATE	STEP	Description of NC	luiti al		ction B Verificat				Approval	Approval			
		Section A	Initial Chief Eng	Action Description Chief Eng		Date	Secti	on C	Chief Eng	QC Inspector			
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Work Order ID 61351

August 19, 2010 9:24:40 AM



Page 4

Item ID:

D205-634-041

Accept



Date:

Date:

Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

8/19/10

Start Qty: 1.00

Required Date: 9/06/10

Req'd Qty: 1.00



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan: Date:

Tooling:

SPC (Y/N):

Code

Tool # Plan

Run Start

Stop

Sequence ID/

Work Center ID

150

Quality Control

Operation **Description**

QC10- Inspect visual per QSI004- ground welds

_____ Date:____

Set Up/ **Run Hours**

0.00

Sister/24

Accept

Qty

Reject Qty

Reject Insp. Number Stamp

0.00

160

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

170

HandFinish

Pressure Wash per QSI005 4.3

Memo

Memo

0.00 Bl 10-9-27

Memo

Hand Finishing

Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch and leave fwd cap out of solution.

Dart Ae	rospace L	_ta								
W/O:			W	ORK ORDER CH	ANGES					
DATE	STEP	PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
Part No		PAR #:								
	Resolution:			on:	QA: N/C Closed: Date:					
NCR:		\	WORK ORI	DER NON-CONFO	ORMANCE	E (NCF	3)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Action Descri Chief Eng		Sign 8		cation ion C	Approval Chief Eng	Approval QC Inspecto

Work Order ID 61351

August 19, 2010 9:24:40 AM



Page 5

Item ID:

D205-634-041

Accept



Setup Start

Stop

Stop



Revision ID:

Item Name:

Required Date: 9/06/10

Replacement Skidtube

Start Date:

8/19/10

Start Otv: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

OC:

Process Plan:

Date: _____ Date:

Tooling: SPC (Y/N):

Date:

Date:

Start Run



Sequence ID/

Work Center ID

180

Powdercoat

Powder Coating

Operation Description

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

m 115 291

QC3- Inspect Part Finish

Memo

Memo

START TIME: OVEN TEMPERATURE

FINISH TIME:

Set Up/

Run Hours 10-9-28.

Tool # Plan Qty Code

Reject Accept Qty

Reject Number

Insp. Stamp

190

Quality Control

=>11/10/9/29

0.00

V/O:			WC	RK ORDER CHANG	ES				
DATE	STEP	PRO	CEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					•			1 rou mgr	
Part No	·	PAR #:	Fault Cate	jory:	_ NCR: Yes	No D Q	A:	_ Date: _	
Res		esolution:	Disposition	n:	_ QA: N/C Cl	osed:	•	Date: _	
NCR:		V	ORK ORD	R NON-CONFORMA	NCE (NCR)			
DATE	0750	Description of NC		on B	Verifi	cation	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		tion C	Chief Eng	QC Inspector
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August 19, 2010 9:24:40 AM

Item ID:

D205-634-041

Accept



Setup Start



Stop

Stop

Revision ID:

Item Name:

Replacement Skidtube

Start Date:

8/19/10

Start Qty: 1.00

Operation

Description

Required Date: 9/06/10

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:_____

Tooling:

0.00

Date:

Tool ID

Start Run



Date:

SPC (Y/N):

Set Up/

Run Hours

Date:

Tool # Plan

Code

Accept Qty

Reject Oty

Reject Insp. Stamp Number

Work Center ID 200

Sequence ID/

HandFinish Hand Finishing

10/04/29

Memo

1-Install inserts & wearplates & Gaskets as per Dwg. D2580. Use a drop of

Sikaflex on insert holes before installing wearplates

A/R 000 Sikaflex-29! 0/1/15/10/0

Sikaflex expire date: \\ \\ \(\)

2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as per Dwg D2580

Inspect for foreign object per QSI 024

4-Install 2855 Aft Cap as per Dwg D2580 and seal Fwd Step & Aft Cap with

Sikaflex. Clean excess adhesive

A/R | Sikaflex-291 | A/I | SI | Sikaflex expire date: 11 | O |

Work Order ID 61351



Page 7

August 19, 2010 9:24:40 AM

Item ID:

D205-634-041

Accept

Setup Start

Stop



Revision ID:

Item Name:

Required Date: 9/06/10

Replacement Skidtube

Start Date:

8/19/10

Start Qty: 1.00

Req'd Qty: 1.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date: _____

Tooling:

Date: Date:



Sequence ID/ Work Center ID

Operation

Description

Set Up/ **Run Hours**

Tool # Plan

210

Quality Control

Memo

0.00

0.00

Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for

Foreign objects per QSI 024

OC5- Inspect part completeness to step on W/O

220

Packaging

Packaging

Packaging

Memo

Identify and pack for shipping as per PPPD205-634-041

Location: PPP Rev:

230

OC21- Final Inspection - Work Order Release

0.00

0.00

0.00

QC

Memo

0.00

10-10-01

Run

Start

Stop



Date: _____ SPC (Y/N):

Tool ID

Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

Quality Control

Work Order ID: 61351

Parent Item:

D205-634-041

Parent Item Name: Replacement Skidtube



Start Date: 8/19/10

Start Qty: 1.00

84.0000

Required Date: 9/06/10

Required Qty: 1.00

Comments:

IPP Rev:N□02.08.28□FP was QC5 in Step 27; Added QC5 to Step 30□KJ

IPP Rev P 10.02.19 per PAR09-043 EC verified by:DD

Manufactured

No

IPP Rev. O 06.02.28 Added paperwork EC

IPP Rev:P 07-07-09 SS Wearplates & Gaskets

JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2580-1		Manufactured	No			110	Each	5.0000		1			
205 Skidtube bent detail				<u>Location</u> LG	B4B0	5 Loc (<u>)ty</u> 4	Loc Code	(P)	Į.) B=G	אר גר
				•	57028 60956		1 1				<i></i>	0 7	
				ST046	61191		2						
					59856		ī				·		

D2576-3

Step (maching detail)

Location	Loc Qty	Loc Code
LG	84	

140

Each

46661 36 52215 48 I BE 10-9-10

W/O:			W	ORK ORDER CHANGE	S			
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date Q	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cat	tegory:	NCR: Yes	No DQA: _	Date:	
Resolution:		esolution:	Dispositi	ion:	QA: N/C Cld	osed:	Date: _	
NCR:		\	WORK ORI	DER NON-CONFORMA	NCE (NCR)		
DATE	STEP	Description of NC		Corrective Action Section		Verificati		Approval
DAIL	JIL!	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
					:			
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August 19, 2010 9:24:39 AM

Work Order ID: 61351

Parent Item:

D205-634-041

Parent Item Name: Replacement Skidtube



Start Date: 8/19/10

Required Date: 9/06/10

Start Qty: 1.00

Required Qty: 1.00

D2579

Manufactured

Manufactured

140

Each 295.0000

20 20

Crossbolt Spacer

Location	Loc C	<u>Otv</u>
LG		295
57052		5
57348		4
58433		2
59113		182
60845		102
	200	Each

77.0000

Loc Code

20 DE 10/09/16

D2855

Cap

AN3-5A

<u>Locatio</u>	<u>on</u>	Loc Qty	Loc Code
FP6		1	
	56613	1	
ST026		76	
	50513	1	
	50770	28	

Purchased No

45 200 Each 1,534.000

2

Bolt

Location ST350

51539

53791

Loc Qty 1534 105057 534 115016 500 115371 500 Loc Code

W/O:			WO	RK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
								1 100 111191		
							•			
·										
			Fault Category: NCR: Yes No DQA:							
Resolution:				Disposition: QA						
NCR:		•	WORK ORDE	R NON-CONFORMA	ANCE (NCF	R)				
DATE	STEP	Description of NC		Corrective Action Section		Verifica		Approval	Approval	
	SILI	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section	n C	Chief Eng	QC Inspector	
								<u>}</u>		
					-					
								}		

August 19, 2010 9:24:39 AM

Work Order ID: 61351 D205-634-041 Parent Item: Parent Item Name: Replacement Skidtube **Start Date: 8/19/10** Required Date: 9/06/10 Start Qty: 1.00 Required Qty: 1.00 AN960JD10L NAS1149D0332J Purchased No 200 Each 2,623.000 Aliologiza Washer Location Loc Qty Loc Code ST348 2623 1111348 110985 2623 ALS7-1032-130 200 878.0000 50 Each Purchased No JU 10/09/29 Insert Loc Qty Location Loc Code FP 861 115079 861 ST282 150 17 1114723 17 113238 AN3C4A Purchased No 200 Each 1,991.000 50 50 M 10/09/29 **BOLT** Location Loc Qty Loc Code ST303 500 115438 500 ST350 1491 114108 14 114416 12

2

V50

463

1000

114523

114941

115300

W/O:			WO	RK ORDER CHANGE	S				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	• <u></u>	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	_ Date: _	
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NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR)			
DATE		Description of NC		Corrective Action Section		Verification		Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		tion C	Chief Eng	QC Inspector
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August 19, 2010 9:24:39 AM Work Order ID: 61351 D205-634-041 Parent Item: Parent Item Name: Replacement Skidtube Required Date: 9/06/10 **Start Date: 8/19/10** Start Qty: 1.00 Required Qty: 1.00 AN960C10L NAS1149C0332 Purchased No 200 29.0000 50 Each 50 JU 10/04/29 washer Location Loc Oty Loc Code ST245 29 1115698 X50 29 107534 D3566-13 200 26.0000 Manufactured No Each Gasket Location Loc Qty Loc Code FP012 26 χl 18 59661 60209 8 D3566-5 200 Each 30.0000 Manufactured No 11/10/04/29 Gasket Location Loc Qty Loc Code FP 22 60869 22 FP015 8 8 59158 19.0000 D3566-1 Manufactured No 200 Each Gasket Loc Qty Location Loc Code FP 5 60857 5

August	19	2010	9-24-39	AN

14

2

12

B 61 656

FP015

57715 60202

W/O:			WC	RK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		,								
Part No		PAR #:	Fault Cate	gory:	_ NCF	l: Yes 1	lo DQ	A:	Date:	
Resolution:			Disposition: QA: N/C Closed:					Date:		
NCR:		,	WORK ORDI	R NON-CONFORM	ANCE	(NCR))	-		
DATE	STEP	Description of NC			tion B	on B Sign &		Verification	Approval	Approval
		Section A	Chief Eng	Chief Eng		Date	Sect	ion C	Chief Eng	QC Inspector
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August 19, 2010 9:24:39 AM

Work Order ID: 61351

Parent Item:

D205-634-041

Parent Item Name: Replacement Skidtube



Start Date: 8/19/10

Required Date: 9/06/10

Start Qty: 1.00

Required Qty: 1.00

D3564-11

Wearshoe

Manufactured

Manufactured

200

200

Each

4.0000

21/10/04/29

D3564-13



Wearshoe

FP019

No

No

59941

Loc Qty 4

Each

860302

23.0000

D3564-9

Manufactured

Location

Location

59660

Loc Qty 23 11 12 200 Each Loc Code

20.0000

110109129

Wearshoe

Loc Qty Location FP 1 55334 1 FP019 19 59201 6 60236 13

Loc Code

W/O:			WC	ORK ORDER CHANG	ES			
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							Floating	
	:							
		PAR #:	Fault Cate	gory:	NCR: Yes	No DQA:	Date: _	
		esolution:	Dispositio	n:	_ QA: N/C Clo	sed:	Date:	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR)		
DATE	CTED	Description of NC	Corrective Action Section			Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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August 19, 2010 9:24:39 AM Work Order ID: 61351 Parent Item: D205-634-041 Parent Item Name: Replacement Skidtube **Start Date: 8/19/10** Required Date: 9/06/10 Start Qty: 1.00 Required Qty: 1.00 D3564-5 200 Each 21.0000 Manufactured No Al 10/04/79 Wearshoe Location Loc Qty Loc Code FG 34806 FP19 2 57525 58709 FP-19 18 59157 6 12 60868 Each 275.0000 D2594-3 Manufactured 200 16 No O-Ring, 205 Skidtube Location Loc Oty Loc Code FP 275 55546 19 1161762 X \ (a 58191 12 59358 244 D2594-1 200 Each 355.0000 16 Manufactured No 16 Plug, 205 Skidtube Location Loc Qty Loc Code B 6/93Z FP 183 42807 112 55002 71 172 FP14

August	19.	2010	9:24:	39 AM	

15

157

58434

59110

W/O:		WORK ORDER CHANGES										
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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Part No:		PAR #:	Fault Cate	Fault Category: NCR: Yes No D				QA: Date:				
	R	esolution:	Dispositio	_ QA: N/C CI	osed:		Date: _					
NCR:		1	WORK ORD	ER NON-CONFORM	ANCE (NCF	R)						
DATE	STEP	Description of NC	Corrective Action Sect			Verific	Verification	Approval	Approval			
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti	on C	Chief Eng	QC Inspector			
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								; 				



DESIG	#	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECK	(ED _A //	APPROVED	DRAWING NO.	REV. D
	W	 	D2580 SHEET 1	OF 3
DATE			TITLE	SCALE
07.0	2.27		205 SKIDTUBE ASSEMBLY	NTS
Α		96.09.16	NEW ISSUE	
В		96.12.02	AS MANUFACTURED	
С		98.08.26	REDRAWN, INCLUDED DEO 9094/909	7
D		07.02.27	CHANGE TO SS WEARPLATES AND GASKETS, INCLUDE DEO 9124/9183	



QTY -041	QTY -045	Part Number	Description
Х		D2580-041	SKIDTUBE ASSEMBLY
	Х	D2580-045	SKIDTUBE ASSEMBLY
1	1	D2500-1-190	EXTRUSION
1	1	D2576-3	STEP
20	24	D2579	CROSS BOLT SPACER
16	16	D2594-1	PLUG
16	16	D2594-3	O-RING
1	1	D2596	205 WEB
1	1	D2855	AFT CAP
1	1	D3564-5	WEARSHOE
1	1	D3564-9	WEARSHOE
1	1	D3564-11	WEARSHOE
1	1	D3564-13	WEARSHOE
2	2	D3566-1	GASKET
1	1	D3566-5	GASKET
1	1	D3566-13	GASKET
50	50	ALS7-1032-130	INSERT
		or AKS7-1032-130	
		or AKS4-1032-130	
		or AELS-1032-130	
50	50	AN3C4A	BOLT
2	2	AN3-5A	BOLT
50	50	AN960C10L	WASHER
2	2	AN960JD10L	WASHER

SHOP COPY
RETURN TO
ENGINEERING
JNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. (2/35)

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/-291
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:

SEE NOTES ON

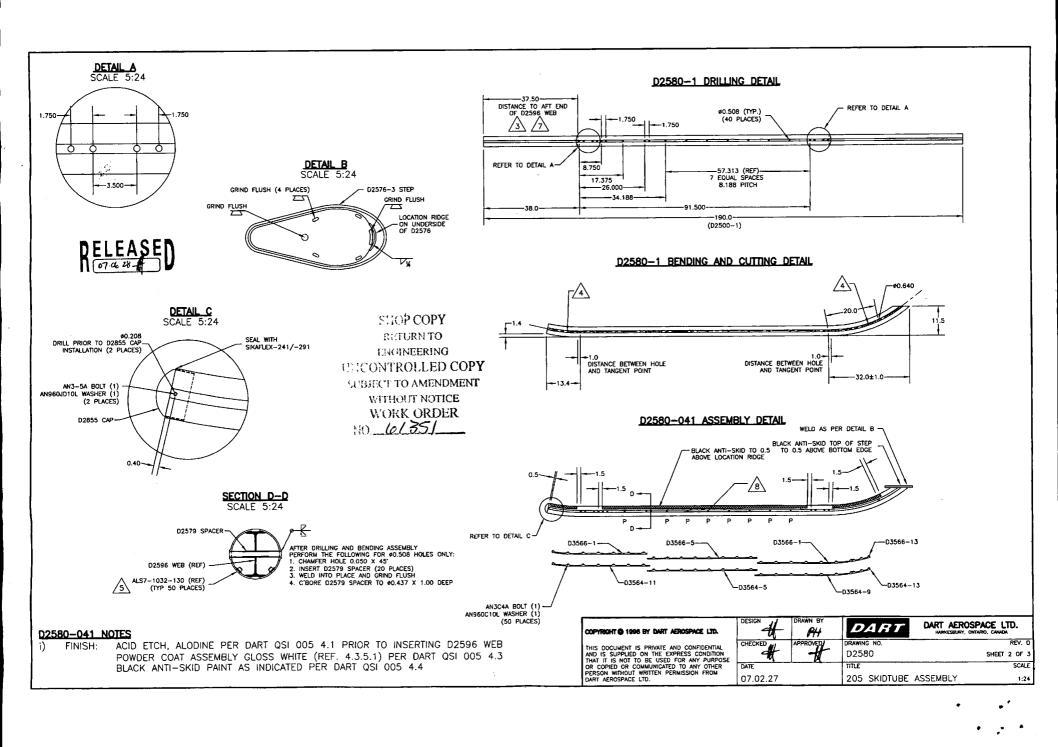
PAGE 2 FOR D2580-041 AND

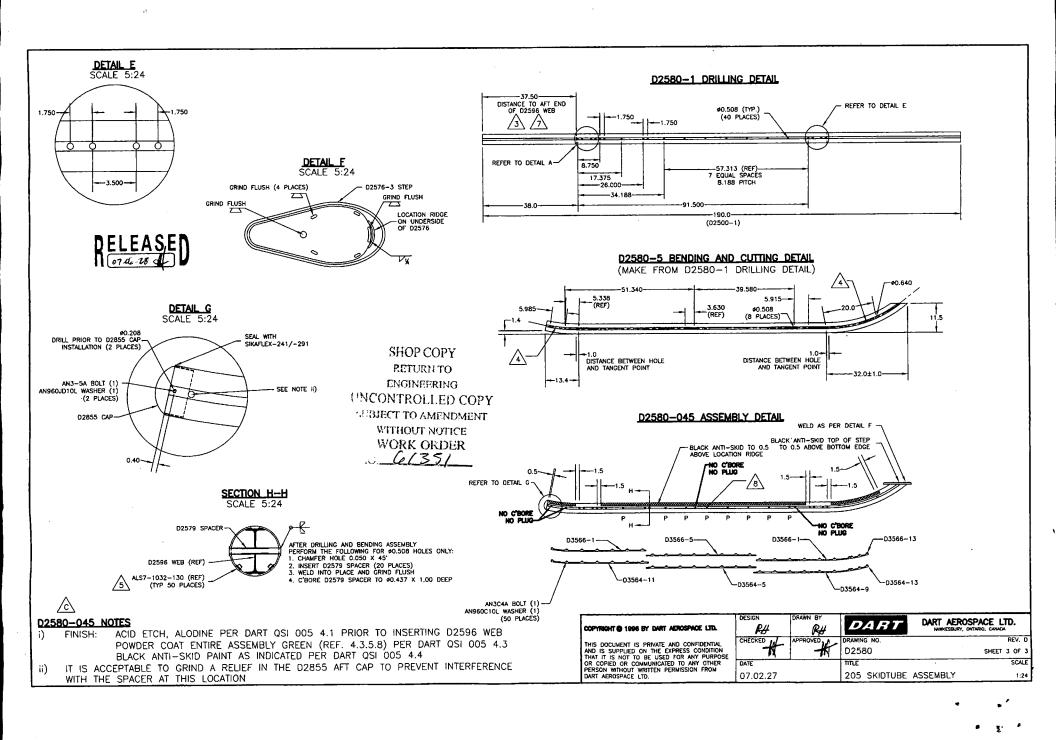
PAGE 3 FOR D2580-045

8) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

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NO.	233	
	ب دستوج	

AWS D17.1.2001 QUALIFICATION TEST RECORD

Name: Barclay Ellicht	
Job number: 6135名	
Part number: 5205.634.041	
Description: 205 skid tube	
Welding Process: Tig[✓ Mig[]	
Base materiel: Aluminism	
Current: AC[DC[]	

TEST REQUIREMENTS AND RESULTS

Visual: Penetration:	pass[] fail[] pass[] fail[]
UNACCEPTABLE	
Cracks: Undercut: Pin holes: Overlap (cold lap) Porosity (surface): Coloration:	pass[] fail[] pass[] fail[] pass[] fail[] pass[] fail[] pass[] fail[]
Qualifier Soclay Ellos	Date of Test Coupon 10,08.25 Date of Test Coupon 10,09.25
\mathscr{G}	

The above named individual is qualified in accordance with AWS D17.1.2001 to weld